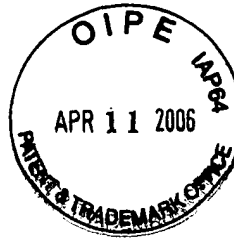


Docket No. 10013.0014US
Schmidt

1



Patent

SEQUENCE LISTING

<110> SCHMIDT, Thomas

<120> SEQUENTIALLY ARRANGED STREPTAVIDIN-BINDING MODULES AS AFFINITY TAGS

<130> 10013.0014US

<140> 10/026,578

<141> 2001-12-14

<150> DE 101 13 776.1

<151> 2001-03-21

<150> PCT/EP01/11846

<151> 2001-10-12

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Trp Ser His Pro Gln Phe Glu Lys
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Docket No. 10013.0014US
Schmidt

2

Patent

<212> PRT
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<222> (9)..(16)
<223> Xaa=any amino acid

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Trp	Ser	His	Pro	Gln	Phe	Glu	Lys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
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Trp	Ser	His	Pro	Gln	Phe	Glu	Lys
			20				

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<223> Xaa=any amino acid

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Trp	Ser	His	Pro	Gln	Phe	Glu	Lys	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
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Xaa	Xaa	His	Pro	Gln	Xaa	Xaa	Xaa
			20				

<210> 5

Docket No. 10013.0014US
Schmidt

3

Patent

<211> 19
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<213> Artificial sequence

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<221> MOD_RES
<222> (4)..(16)
<223> Xaa=any amino acid

<400> 5

His Pro Gln Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

His Pro Gln

<210> 6
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<213> Artificial sequence

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His Pro Gln Phe
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<210> 7
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<221> MOD_RES
<222> (1)..(1)
<223> Xaa=Trp, Lys, or Arg

<220>

Docket No. 10013.0014US
Schmidt

4

Patent

<221> MOD_RES
<222> (2)..(2)
<223> Xaa=any amino acid

<220>
<221> MOD_RES
<222> (7)..(8)
<223> Xaa(7,8)=Gly or Xaa(7)=Glu and Xaa(8)=Lys or Arg

<400> 7

Xaa Xaa His Pro Gln Phe Xaa Xaa
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<210> 8
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<220>
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<223> Xaa=any amino acid

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<222> (7)..(8)
<223> Xaa(7,8)=Gly or Xaa(7)=Glu and Xaa(8)=Lys or Arg

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Trp Xaa His Pro Gln Phe Xaa Xaa
1 5

<210> 9
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<212> PRT
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Trp Ser His Pro Gln Phe Glu Lys
1 5

Docket No. 10013.0014US
Schmidt

5

Patent

<210> 10
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<222> (9)..(28)
<223> Xaa=any amino acid, and up to 15 Xaa residues may be missing from
the sequence shown.

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1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Trp Ser His Pro
20 25 30

Gln Phe Glu Lys
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<210> 11
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<212> PRT
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<223> Peptide binding module

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<221> REPEAT
<222> (9)..(28)
<223> Repeat length of GlyGlyGlySer motif is variable; up to 4
GlyGlyGlySer repeats may be missing in this region as compared to
the sequence shown.

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Trp Ser His Pro Gln Phe Glu Lys Gly Gly Gly Ser Gly Gly Gly Ser
1 5 10 15

Docket No. 10013.0014US
Schmidt

6

Patent

Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Trp Ser His Pro
20 25 30

Gln Phe Glu Lys
35

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<212> PRT
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<220>
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<400> 12

Ile Gly Ala Arg
1

<210> 13
<211> 4
<212> PRT
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<220>
<223> Peptide binding module

<400> 13

Val Thr Ala Arg
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